

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
BSC 015 C7

SERIAL NO.

09/477470

Jc675 U.S. PTO  
09/477470

01/04/00

INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

APPLICANT  
Harlan J. Byker

FILING DATE

Herewith

1-4-00

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
EAT	AA	3,280,701	10/25/66	J. F. Donnelly et al.	88	77	09/5/1961
EAT	BB	3,451,741	06/24/69	P. Manos	350	160	06/15/66
EAT	CC	3,806,229	04/23/74	C. J. Schoot et al.	350	160	06/23/71
EAT	DD	4,465,339	8/14/84	F. Baucke et al.	350	357	03/09/81
EAT	EE	2,632,045	03/17/53	G.C. Sziklai	178	5.4	08/31/48
EAT	FF	4,712,879	12/15/87	N. R. Lynam et al.	350	357	04/02/86
EAT	GG	4,752,119	06/21/88	T. Ueno et al.	350	357	08/14/85

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
EAT	HH	57-30639	02/18/82	Japan	B60R	1/08	X	
EAT	II	57-208530	12/21/82	Japan	G02F	1/17	X	
EAT	JJ	566863	07/30/77	Russia			X	
EAT	KK	4658385	03/13/85	Japan			X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EAT	LL	T. Ueno et al., "Three Color Switching Electrochromic Display Using Organic Redox-Pair Dyes", Vol. 24, No. 3 Japanese Journal of Applied Physics (March 1985) pages L178-L180.					
EAT	MM	J. Bruinink, "Electrochromic Display Devices", published in <u>Nonemissive Electrooptic Displays</u> , A. R. Kmetz and F. K. von Willisen eds. (New York 1976) pages 201-221.					
EAT	NN	B. W. Faughnan et al., "Electrochromic Displays Based on WO <sub>3</sub> ", published in <u>Display Devices</u> , J. I. Parkove ed. (New York, 1980).					
EAT	OO	J. Nagai et al., "Transmissive Electrochromic Device", in <u>Optical Materials Technology for Energy Efficiency and Solar Energy Conversion IV</u> , Vol. 562 Proceedings of SPIE, (August 1985) pages 39-45.					
EAT	PP	Schott information, No. 1 (1983)-English.					
EAT	QQ	K. L. Chopra et al., "Transparent Conductors-A Status Review" in <u>Thin Solid Films</u> , International Journal on the Science and Technology of Thin and Thick Films, J. N. Zemel and G. Siddall eds., Vol. 102 No. 1, (April 8, 1983), pages 1-46.					

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~~March 1988~~

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## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
Edy	RR	3,843,232	10/22/74	D. Berets	350	160	02/16/73
Edy	SS	3,879,108	04/22/75	D. Berets	350	160	05/18/73
Edy	TT	4,088,392	05/09/78	M. Meyers	350	357	04/13/76
Edy	UU	4,174,152	11/13/79	R. Giglia et al.	350	357	02/13/78
Edy	VV	4,278,329	07/14/81	K. Matsuhira et al.	350	357	06/05/79
Edy	WW	4,416,517	11/22/83	G. Beall et al.	350	357	02/18/82
Edy	XX	4,671,619	06/09/87	T. Kamimori et al.	350	357	07/09/85

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Edy	YY	T. Kamimori et al., "Electrochromic Devices For Transmissive and Reflective Light Control", in Optical Materials Technology for Energy Efficiency and Solar Energy Conversion V, Vol. 653, SPIE-The Int'l Soc. Opt. Eng'g, Washington (April 1986), pages 2-9.						
Edy	ZZ	C. M. Lampert, "Electrochromic Materials and Devices for Energy Efficient Windows", Solar Energy Mat'ls., Vol. 11 (1984), pages 1-27.						
Edy	aa	I. V. Shelepin and O. A. Ushakov, "Photochemical and Cathodic Production of Methyl Viologen in Solution", Russian J. Phys. Chem. 49 (7) (1975), pages 1021-1024 (translation).						
Edy	bb	Gruver and Kuwana, "Spectroelectrochemical Studies of E. E. and E. E. C. Mechanisms", J. Electro Anal. Chem. 36 (1972), pages 85-99.						
Edy	cc	Strojek et al., "Direct Log Ratio Recording, Rapid Scanning Spectrophotometer", Anal. Chem. 41, pages 481-484.						
Edy	dd	Nelson et al., "Anodic Oxidation of 5, 10-Dihydro-5,10-Dimethylphenazine", Z. Anal. Chem. 224 (1967), pages 184-196.						

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EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
EE	ee	4,146,876	03/27/79	A. Arellano et al.	340	785	06/29/77

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
	ff	1 597 709	09/09/81	Europe	G2F	21C	X	
	gg	0012419	06/25/80	Europe	G09K	9/02	X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

hh	N. Lynam, "Transparent Electronic Conductors", in Proceedings of the Symposium on Electrochromic Materials, M. Carpenter and D. Corrigan eds. (New Jersey), pages 201-231. <u>no date available</u>
ii	Donnelly Press Release, "Donnelly Corporation Announces New Automatic Electrochromic Mirror", December 20, 1989 (Holland, Michigan), Contact Maryan Komejan, pages 1-4.
jj	O. A. Ushakov et al., "Electrochromism of Organic Compounds Some Properties of Two-Electrode Cells", in UDC 541.138, (1978), pages 271-274.
kk	I. V. Shelepin et al., "Electrochromism of Organic Compounds I. Electrochemical and Spectral Properties of a System Based on Methylviologen and 3-Ethyl-2-Benzothiazolone Azine", in UDC 541.138, pages 24-28. <u>No Date available</u>
ll	I. V. Shelepin et al., "Electrochromism of Organic Compounds II. Spectral and Electrochemical Examination of a System Based on Methylviologen and 5,10-Dihydro-5,10-Dimethylphenazine", in UDC 541.138, pages 346-349. <u>No Date available</u>

EXAMINER

EA Hunter

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6/8-00

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